

Title (en)

BLAST FURNACE GRANULATED SLAG, FINE AGGREGATE PREPARED THEREFROM AND METHOD FOR PRODUCING THEM

Title (de)

GRANULIERTE HOCHOFENSCHLACKE, DARAUS HERGESTELLTE FEINE AGGREGATE UND VERFAHREN ZUR HERSTELLUNG DERSELBEN.

Title (fr)

LAITIER GRANULE DE HAUT FOURNEAU, GRANULAT FIN PREPARE A PARTIR DE CE DERNIER ET PROCEDE DE PRODUCTION

Publication

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Application

**EP 01906149 A 20010221**

Priority

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Abstract (en)

Novel granulated blast furnace slag, which has a mass per unit volume of at least 1.45 kg/l and a fineness modulus of at least 3.7, can be simply and effectively obtained by causing blast furnace slag of 1350 to 1400 DEG C to flow at a quantity of flow of 2 to 5 ton/min and by ejecting water to the slag at a flow velocity of 5 to 8 m/sec and at a rate of quantity of flows by weight of water/slag of 7 to 15. Since the granulated blast furnace slag has a high grain size and a high density which cannot be obtained conventionally, it can be preferably used as fine aggregate for concrete when the grain size thereof is adjusted by crushing/grinding, or the like. <IMAGE>

IPC 1-7

**C04B 5/02**; **C04B 18/14**

IPC 8 full level

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CPC (source: EP KR)

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